A METHOD AND APPARATUS FOR PERVASIVE AUTHENTICATION DOMAINS

Abstract of the Disclosure

Methods and apparatus for enabling a Pervasive Authentication Domain. A Pervasive Authentication Domain allows many registered Pervasive Devices to obtain authentication credentials from a single Personal Authentication Gateway and to use these credentials on behalf of users to enable additional capabilities for the devices. It provides an arrangement for a user to store credentials in one device (the Personal Authentication Gateway), and then make use of those credentials from many authorized Pervasive Devices without re-entering the credentials. It provides a convenient way for a user to share credentials among many devices, particularly when it is not convenient to enter credentials as in a smart wristwatch environment. It further provides an arrangement for disabling access to credentials to devices that appear to be far from the Personal Authentication Gateway as measured by metrics such as communications signal strengths.